Title (en)
SYNCHRONIZATION SIGNAL BURST, SIGNAL DESIGN, AND SYSTEM FRAME ACQUISITION IN NEW RADIO

Title (de)
SYNCHRONISATIONSSIGNALIMPULS, SIGNALDESIGN UND SYSTEMRAHMENERFASSUNG IN NEW RADIO

Title (fr)
RAFALE DE SIGNAL DE SYNCHRONISATION, CONCEPTION DE SIGNAL ET ACQUISITION DE TRAME DE SYSTÈME DANS UNE NOUVELLE RADIO

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Abstract (en)

A method implemented by a wireless/transmit receive unit (WTRU), the method comprising: receiving a synchronization signal (SS) block of a plurality of SS blocks comprised in a SS burst set, each of the plurality of SS blocks comprised in the SS burst set comprising a primary synchronization signal (PSS), a secondary synchronization signal (SSS), and a physical broadcast channel (PBCH) transmission, wherein each respective SS block of the plurality of SS blocks comprised in the SS burst set is associated with a respective SS-block index that identifies the respective SS block within the SS burst set; determining the respective SS-block index for the received SS block based on the PBCH transmission comprised in the received SS block; and determining a system frame number (SFN) based on the PBCH transmission comprised in the received SS block.

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